

ABSTRACT OF THE DISCLOSURE

A method for strengthening a gear wheel is described. Each tooth is fixed like a theoretical beam between two extreme points in that two strengthening wheels, shaped on their respective insides in accordance with the gear wheel teeth, are placed around the gear wheel. To achieve a best possible shrink fit, the toothed rim of the gear wheel is envisaged stretched out to a corresponding larger circle, shrink fits being selected for this circle. Similar considerations are made for the ring.